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(54) Title: ENGINEERED ANTIBODIES AND IMMUNOCONJUGATES

(57) Abstract: Antibody drug conjugates with predetermined sites and stoichiometries of drug attachment are provided. Also provided are methods of using antibody drug conjugates.

INTERNATIONAL SEARCH REPORT

International application No.

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A. CLASSIFICATION OF SUBJECT MATTER

IPC: C07K 16/00(2006.01),16/28(2006.01);A61K 39/395(2006.01);G01N 33/53(2006.01)

USPC: 530/391.3,391.7;424/178.1,179.1,181.1;435/7.1

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
MEDLINE, EMBASE, BIOSIS, SCISEARCH, CAPLUS on STN; WEST, PGPub

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|---|-----------------------|
| A | SUN M.M. Reduction-Alkylation Strategies for the Modification of Specific Monoclonal Antibody Disulfides Bioconjugate Chem, Vol 16, pages 1281-1290, see entire document, especially page 1285, col. 2, Figure 4. | 1-40 |
| A | McDONAGH CF Engineered Antibody-drug Conjugates with Defined Sites and Stoichiometries of Drug Attachment Protein Eng Des Sel July 2006 Vol 19, No. 7, pages 299-307, see entire document, especially abstract. | 1-40 |

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